Audio Engineering—1953
SUBJECT INDEX

Allied Radio Corp., New Home for. **Oct.**, 31.

Amplifiers

Distortion in Voltage Amplifiers, W. B. Bernard. **Feb.**, 28.
Everyman's Amplifier, G. Leonard Werner & Henry Berlin. **Oct.**, 40.
Feedback from Output Transformer Primary, AUDIOLOGY. **May**, 14.
Feedback from Output Transformer Secondary, AUDIOLOGY. **July**, 14.
Hum Reduction in Amplifier Development, AUDIOLOGY. **June**, 14.
Improvements on the Universal Tape Recorder Amplifier. C. G. McProud. **Sept.**, 44.
Moderately Priced Amplifier Introduces Loudness Control Selector, L. H. Bogen & Alfred M. Zuckerman. **May**, 31.
Optimum Loading for Power Amplifiers, AUDIOLOGY. **Aug.**, 12.
Pass Band of a Transformer Coupled Amplifier, Joseph F. Sodaro. **June**, 24.
Precision Phase Splitting, AUDIOLOGY. **Nov.**, 12.
R-C Coupled Amplifier Charts, AUDIOLOGY. **Oct.**, 12.
Simplified Push-Pull Theory. Julius Postal. **I, May**, 19; **II, June**, 21.
Stability Testing of Feedback Amplifiers, AUDIOLOGY. **Sept.**, 14.
Three-Channel Tone-Control Amplifier, Joseph F. Dundovic. **Apr.**, 28.
White Powrtron Amplifier, Stanley White. **Nov.**, 32.
Zero-Impedance Output Stage, R. G. Anthes. **Jan.**, 21.

Amplifiers, Pre-

High-Fidelity Phonograph Preamplifier Design, R. H. Brown. **Apr.**, 19.

Amplifier Design

Circle Diagrams for R-C Coupled Amplifiers, Olan E. Kruse. **Feb.**, 22.
Feedback—Degenerative and Regenerative, Rudolph L. Kuehn. **Apr.** 23.
New Approach to Negative Feedback Design, N. H. Crowhurst. **May**, 26.
ASCO Unveils Flexible Sound Display Room. **Feb.**, 36.
Audio for Leisure Hours. **July**, 25.
Audio in the Year 1693, Allen H. Fry. **Mar.**, 25.

Æ Goes to London and Paris. **June**, 38.

Audio Fair, The

Audio Fair—Los Angeles. **Jan.** 38.
Audio Fair and AES Convention Reach New Heights. **Nov.**, 29.
Audio Fair Review. **Dec.**, 28.

Awards

Audio Engineering Awards. **May**, 24.
Review of the Audio Engineering Awards, **June**, 28.

Book Reviews

Applications of the Electronic Valve, by Dammers, Haantjes, Otte, and Van Suchtelen. **Feb.**, 14.
Basic Electronic Test Instruments, by Turner. **Oct.**, 16.
Circuit Theory of Electron Devices, by Boine. **Dec.**, 6.
Electrical Engineering—Theory and Practice, by Erickson and Bryant. **Feb.**, 69.
Electrophysiological Technique, by Dickinson. **June**, 63.
Fundamentals of Automatic Control Systems, by Farrington. **Mar.** 10.
Fundamentals of Engineering Electronics, 2nd Ed., by Dow. **Feb.**, 69.
Photoelectric Tubes, by Sommer. **Oct.**, 16.
Radio Interference Suppression, by Stephens. **Feb.**, 14.
Radiotron Designers Handbook, 4th Ed., edited by Smith. **Sept.** 12.
Sound Reproduction, 3rd Ed., by Briggs. **June**, 63.
Thermionic Vacuum Tubes and Their Applications, by Aldous. **Nov.**, 49.

Broadcasting

Auxiliary or Emergency Broadcast Control Room, Harold Reed. **Mar.**, 26.
Auxiliary Mixer for TV Studios, George A. Singer. **Apr.**, 26.
Binaural Radio Broadcasting, Harold T. Sherman. **Jan.**, 14.
Complete Remote Control of an Ampex 300, Richard F. Blinzler. **Oct.**, 23.
Simplified Program Switching Panel, Harold Reed. **Feb.**, 25.

Cabinets

Tired Business Man's Radio Cabinet and Speaker, C. C. Fraser. **Dec.**, 26.
Vibration Reduction in Loudspeaker Enclosures, Gladden B. Houck. **Dec.**, 24.

Components

Audio Transformer Design, N. H. Crowhurst. **Feb.**, 26.
Making the Best of an Audio Transformer, N. H. Crowhurst. **Jan.**, 40.
Output Transformer Design Considerations, AUDIOLOGY. **Apr.**, 14.

Construction Practice

Bread-Pan Layout, L. B. Hedge. **Aug.**, 24.
Making a "Front End" Handsome, William H. Burke, **Nov.**, 20.

Controls, Tone

Flexible Tone-Control Circuit, Basil T. Barber. **Sept.**, 29.
Selection of Tone-Control Parameters, Edgar M. Villchur. **Mar.**, 22.
Three-Channel Tone-Control Amplifier, Joseph F. Dundovic. **Apr.**, 28.
Three-Element Bass Control, Glen Southworth. **Oct.**, 24.

Controls, Volume

Note on Volume Controls, Charles P. Boegli. **Apr.**, 40.

Crossover Networks

Basic Design of Constant Resistance Crossovers, N. H. Crowhurst. **Oct.** 21.

Dictating Machine—A Specialized Recording System. Richard M. Somers. **I, Aug.**, 22; **II, Sept.**, 24.

Electronic Music

Organ for One-Finger Artists, Richard H. Dorf. **Sept.**, 19.

Equipment Reports

Bogen R701 AM-FM Tuner, **Sept.**, 42.
Collaro Changer, **Apr.**, 42.
Concertone 1501-S Tape Recorder, **July**, 30.
Leak TL-12 Amplifier, **June**, 42.
Lorenz Speakers, **Sept.**, 64.
Newcomb Classic 25 Amplifier, **Feb.**, 38.
Pilotone AA-901 Amplifier and AF-821A Tuner, **Mar.**, 44.
Pilotuner, AF-824. **Aug.**, 32.
Rauland Model 1826 with the Libretto. **Oct.**, 35.
Sargent-Rayment SR-68 Tuner. **July**, 32.
Sonocraft FM Tuner. **Jan.**, 56.
TapeMaster HF-500 Recorder. **Oct.**, 34.
UTC W-20 "Williamson" Kit. **May**, 42.

Feedback

Feedback and Loudspeaker Damping, John A. Mulvey. **Apr.**, 34.
Feedback—Degenerative and Regenerative, Rudolph L. Kuehn. **Apr.**, 23.
Feedback from Output Transformer Primary, AUDIOLOGY. **May**, 14.
Feedback from Output Transformer Secondary, AUDIOLOGY. **July**, 14.
New Approach to Negative Feedback Design, N. H. Crowhurst. **May**, 26.
Stability Testing of Feedback Amplifiers, AUDIOLOGY. **Sept.** 14.

Handbook of Sound Reproduction, Edgar M. Villchur. Chap. 8, **Jan.**, 30; Chap. 9, **Feb.**, 30; Chap. 10, Pt. 1, **Mar.**, 32; Pt 2, **Apr.**, 29; Chap. 11, Pt. 1, **May.**, 34; Pt. 2, **June**, 30; Chap. 12. Pt. 1, **July**, 26; Pt. 2, **Aug.**, 26; Pt. 3, **Sept.** 36; Chap. 13; **Oct.**, 42; Chap. 14, **Nov.**, 25; Chap. 15, Pt. 1, **Dec.**, 34.

Hearing Aids

Design Considerations, AUDIOLOGY. **Dec.**, 12.
Sonotone Transistorized Hearing Aid, Harry A. Pearson. **Aug.**, 19.
Hum Reduction in Amplifier Development, AUDIOLOGY. **June**, 14.

Loudspeakers

75th Anniversary of First Dynamic Speaker, Murlan S. Corrington. **Feb.** 12.
Basic Design of Constant-Resistance Crossovers. N. H. Crowhurst. **Oct.**, 21.
Coupled Loudspeakers, Charles W. Harrison, Jr. **May**, 21.
Feedback and Loudspeaker Damping, John A. Mulvey. **Apr.**, 34.
Great Loudspeaker Mystery, H. A. Hartley. **Jan.**, 33.
Horn Enclosure for Custom Installations, Arnold J. Gassan. **Sept.**, 22.
Make Your Own Woofer, Curtiss R. Schafer. **Nov.**, 19.
Practical Aspects of the R-J Speaker Enclosure, William Joseph & Frank Robbins. **Jan.**, 19.
Theatre Sound in a Small Package, Thomas R. Hughes. **I, Feb.**, 19; **II, Mar.**, 30; **III, Apr.**, 24.
Vibration Reduction in Loudspeaker Enclosures, Gladden B. Houck. **Dec.**, 24.

Measurements

New Volume Visualizer, Norman Prisament. **Sept.**, 30.
Twin-Triple Resistance Decader and Bridge, L. B. Keim. **Sept.**, 34.
Wide-Range R-C Oscillator, Lewis S. Goodfriend. **Feb.**, 21.

Musical Instruments

The Piano, Albert Preisman. **I**, Oct., 26; **II, Nov.**, 22.
Organ for One-Finger Artists, Richard H. Dorf. **Sept.**, 19.

Patents
"First Inventor" Under the 1952 Patent Law, Albert Woodruff Gray. **Mar., 40.**
Patentable Features in Radio Inventions, Albert Woodruff Gray. **June, 36.**
The Protection of Ideas, Albert Woodruff Gray. **Jan., 36.**

Phase Splitters
Precision Phase Splitting, AUDIOLOGY. **Nov., 12.**

Phonograph Equipment
Effect of Load Impedance on the Frequency Response of Magnetic Pickups, Norman C. Pickering. **Mar., 19.**
Lateral Mechanical Impedance of Pickups, J. G. Woodward and J. B. Halter. **I, June, 19; II, July, 23.**
New Wide-Range Phonograph Cartridge, John F. Wood, **Dec., 22.**
Phonograph Records, The Best British, of 1952, H. A. Hartley. **Apr., 44.**

Phonograph Reproduction
The Columbia "360," Peter C. Goldmark. **Mar., 28.**
Columbia "XD" Speaker System, Peter C. Goldmark. **Oct., 36.**
Effect of Load Impedance on the Frequency Response of Magnetic Pickups, Norman C. Pickering. **Mar., 19.**
High Fidelity Phonograph Preamplifier Design, R. H. Brown. **Apr., 19.**

Photography
Audio Photographers Check List, Eugene F. Coriell. **Mar. 14.**

Power Supplies
D. C. Pack for Heaters and Bias, Allan M. Ferres. **Sept., 33.**

Psychoacoustics
Binaural or Stereophonic? R. J. Tinkham. **Jan., 22.**
Case for Music, John H. Thomson. **Sept., 32.**
Great Loudspeaker Mystery, H. A. Hartley. **Jan., 33.**
High Futility—An Essay on Scale Distortion, Joe L. Dickey. **Apr., 21.**
Great Mystery of Dannemora Dungeon, Emory Cook. **Oct., 50.**

Public Address Systems
Binaural Public Address, Charles F. Adams. **Feb., 24.**
Canadian House of Commons Sound Installation by Tannoy. **Apr., 38.**

Recording, Disc
Automatic Disc Recorder, Curtiss R. Schafer. **Dec., 21.**
Evolution of a Recording Characteristic, R. C. Moyer, **July, 19.**
Flexible Single Recording and Dubbing Channel, Hal Magargle. **Jan., 28.**

Recording, Magnetic
Complete Remote Control of an Ampex 300, Richard F. Blinzler. **Oct., 23.**
Correction of Frequency Response Variations Caused by Magnetic Head Wear, Kurt Singer & M. Rettinger. **July, 29.**
Flexible Single Recording and Dubbing Channel, Hal Magargle. **Jan., 28.**
Improvements on the Universal Tape Recorder Amplifier, C. G. McProud. **Sept., 44.**
Magnetic Transfer of Stainless Steel Wire, Samuel Storchheim. **Dec., 19.**
Multiple-Track Magnetic Heads, Kurt Singer & M. Rettinger. **Aug., 34.**
Top Tape Recording Performance, Harold Reed. **June, 26.**

Stereophonic Sound
Binaural or Stereophonic? R. J. Tinkham. **Jan., 22.**
Binaural Public Address, Charles F. Adams. **Feb. 24.**
Binaural Radio Broadcasting, Harold T. Sherman. **Jan., 14.**
Great Mystery of Dannemora Dungeon, Emory Cook. **Oct. 50.**
Two-Channel Conversion for AM-FM Receivers, C. G. McProud. **Jan., 25.**

System Design
It Can Be Attractive, C. G. McProud. **Nov., 30.**
Matched Line of Hi-Fi Sound Equipment, Harry F. Olson. **Aug., 29.**
Simplified Program Switching Panel, Harold Reed. **Feb., 25.**
Tools for Building Temples of Tone. **Oct., 54.**

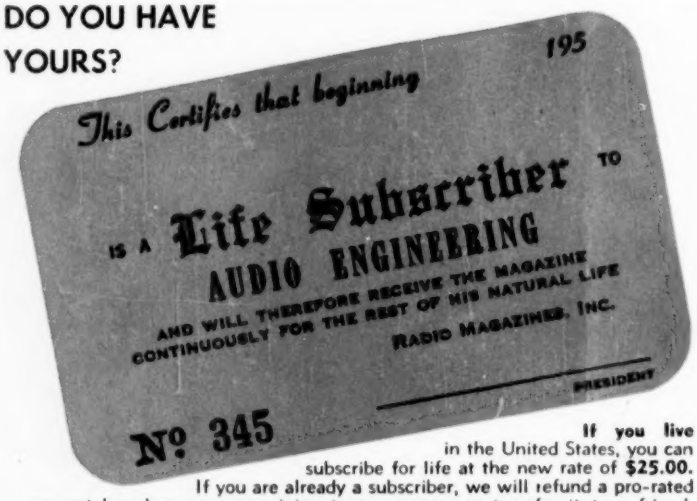
Tone Controls
Flexible Tone-Control Circuit, Basil T. Barber. **Sept., 29.**
Selection of Tone-Control Parameters, Edgar M. Villchur. **Mar., 22.**
Three-Channel Tone-Control Amplifier, Joseph F. Dundovic. **Apr., 28.**
Three-Element Bass Control, Glen Southworth. **Oct., 24.**

Transformers
Audio Transformer Design, N. H. Crowhurst. **Feb., 26.**
Making the Best of an Audio Transformer, N. H. Crowhurst. **Jan., 40.**
Output Transformer Design Considerations, AUDIOLOGY. **Apr., 14.**

Tubes
Power Tube Figure of Merit, Warren G. Bender. **Mar., 21.**

Volume Controls, A Note on, Charles P. Boegli. **Apr., 40.**

DO YOU HAVE YOURS?


This Certifies that beginning
195
IS A Life Subscriber TO
AUDIO ENGINEERING
AND WILL THEREFORE RECEIVE THE MAGAZINE CONTINUOUSLY FOR THE REST OF HIS NATURAL LIFE
RADIO MAGAZINES, INC.
PRESIDENT
No 345

If you live in the United States, you can subscribe for life at the new rate of **$25.00.** If you are already a subscriber, we will refund a pro-rated amount based on your remaining term, or you can transfer it to a friend. This offer is good only in the U. S. and applies only to subscriptions entered by sending your request and check to the address below.

RADIO MAGAZINES, INC.,
P. O. Box 629, Mineola, N. Y.

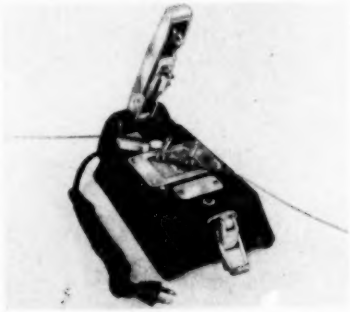
Enclosed is check ☐ money order ☐ for $25.00 for which please enter my subscription to AUDIO ENGINEERING for the rest of my natural life, and send Life Subscriber card to

Name (please print) .....
Address .....
City ..... Zone ..... State .....

Now Ready for Immediate Delivery

The New
MT-1 PRESTO-SPLICER
for WELDING TOGETHER ¼" acetate tapes without cement or adhesives . . .

- Diagonal cut capable of withstanding 3 pound pull
- Inaudible with playback amplifier gain at maximum



$65 F.O.B. Factory
For Milar Tape, add $2

Sample splice and brochure on request.

PRESTOSEAL MFG. CORP.
3727 33rd st., Long Island City 1, N.Y.

AUTHOR INDEX

Adams, Charles F.
Binaural Public Address. **Feb.**, 24.
Anthes, R. G.
Zero-Impedance Output Stage. **Jan.**, 21.
Ayres, W. R. (AUDIOLOGY)
Feedback from Output Transformer Primary, **May**, 14.
Feedback from Output Transformer Secondary, **July**, 14.
Hearing Aid Design Considerations. **Dec.**, 12.
Hum Reduction in Amplifier Development. **June**, 14.
Optimum Loading for Power Amplifiers. **Aug.**, 12.
Output Transformer Design Considerations. **Apr.**, 14.
Precision Phase Splitting. **Nov.**, 12.
R-C Coupled Amplifier Charts. **Oct.**, 12.
Stability Testing of Feedback Amplifiers. **Sept.**, 14.

Barber, Basil T.
Flexible Tone-Control Circuit. **Sept.**, 29.
Bender, Warren G.
A Power Tube Figure of Merit. **Mar.**, 21.
Berlin, Henry & Werner, G. Leonard
Everyman's Amplifier. **Oct.**, 40.
Bernard, W. B.
Distortion in Voltage Amplifiers. **Feb.**, 28.
Blinzler, Richard F.
Complete Control of an Ampex 300. **Oct.**, 23.
Boegli, Charles P.
A Note on Volume Controls. **Apr.**, 40.
Bogen, L. H. & Zuckerman, Alfred M.
Moderate Priced Amplifier Introduces Loudness Control Selector, **May**, 31.
Brown, R. H.
High-Fidelity Phonograph Preamplifier Design. **Apr.**, 19.
Burke, William H.
Making a "Front End" Handsome. **Nov.**, 20.

Crowhurst, N. H.
Audio Transformer Design. **Feb.**, 26.
Basic Design of Constant Resistance Crossovers. **Oct.** 21.
Making the Best of an Audio Transformer. **Jan.**, 40.
A New Approach to Negative Feedback Design. **May**, 26.
Cook, Emory
The Great Mystery of Dannemora Dungeon. **Oct.**, 50.
Coriell, Eugene F.
Audio Photographers Check List. **Mar.**, 14.
Corrington, Murlan S.
75th Anniversary of First Dynamic Speaker. **Feb.**, 12.

Dickey, Joe L.
High Futility—An Essay on Scale Distortion. **Apr.**, 21.
Dorf, Richard F.
Organ for One-Finger Artists. **Sept.**, 19.
Dundovic, Joseph F.
Three-Channel Tone-Control Amplifier. **Apr.**, 28.

Ferres, Allan M.
D. C. Pack for Heaters and Bias. **Sept.**, 33.
Fraser C. C.
Tired Business Man's Radio Cabinet and Speaker. **Dec.**, 26.
Fry, Allen H.
Audio in the Year 1693. **Mar.**, 25.

Gassan Arnold J.
Horn Enclosure for Custom Installations. **Sept.**, 22.
Goldmark, Peter C.
The Columbia "360." **Mar.**, 28.
The Columbia "XD" Speaker System. **Oct.**, 36.
Goodfriend, Lewis S.
A Wide-Range R-C Oscillator. **Feb.**, 21.
Gray, Albert Woodruff
"First Inventor" Under the 1952 Patent Law. **Mar.**, 40.
Patentable Features in Radio Inventions. **June**, 36.
The Protection of Ideas. **Jan.**, 36.

Halter, J. B. & Woodward, J. G.
The Lateral Mechanical Impedance of Pickups. **I, June**, 19; **II, July**, 23.
Harrison, Charles W., Jr.
Coupled Loudspeakers. **May**, 21.
Hartley, H. A.
The Best British Records of 1952. **Apr.**, 44.
Great Loudspeaker Mystery. **Jan.**, 33.
Hedge, L. B.
The Bread-Pan Layout. **Aug.**, 24.
Houck, Gladden B.
Vibration Reduction in Loudspeaker Enclosures. **Dec.** 24.
Hughes, Thomas R.
Theatre Sound in a Small Package. **I, Feb.**, 19; **II, Mar.**, 30; **III, Apr.**, 24.

Joseph, William & Robbins, Frank
Practical Aspects of the R-J Speaker Enclosure. **Jan.**, 19.

Keim, L. B.
Twin-Triple Resistance Decader & Bridge. **Sept.**, 34.
Kruse, Olan E.
Circle Diagrams for R-C Coupled Amplifiers. **Feb.**, 22.
Kuehn, Rudolph L.
Feedback—Degenerative and Regenerative. **Apr.**, 23.

Magargle, Hal
A Flexible Single Recording and Dubbing Channel. **Jan.**, 28.
McProud, C. G.
Improvements on the Universal Tape Recorder Amplifier. **Sept.**, 44
It Can be Attractive. **Nov.**, 30.
Two-Channel Conversion for AM-FM Receivers. **Jan.**, 25.
Moyer, R. C.
The Evolution of a Recording Characteristic. **July**, 19.
Mulvey, John A.
Feedback and Loudspeaker Damping. **Apr.**, 34.

Olson, Harry F.
Matched Line of Hi-Fi Sound Equipment. **Aug.**, 29.

Pearson, Harry A.
The Sonotone Transistorized Hearing Aid. **Aug.**, 19.
Pickering, Norman C.
The Effect of Load Impedance on the Frequency Response of Magnetic Pickups. **Mar.**, 19.
Postal, Julius
Simplified Push-Pull Theory. **I, May**, 19; **II, June**, 21.
Preisman, Albert
The Piano. **I, Oct.**, 26; **II, Nov.**, 22.
Prisament, Norman
A New Volume Visualizer. **Sept.**, 30.

Rettinger, M. & Singer, Kurt
Correction of Frequency Response Variations Caused by Magnetic Head Wear. **July**, 29.
Multiple Track Magnetic Heads. **Aug.**, 34.
Reed, Harold
Auxiliary or Emergency Broadcast Control Room. **Mar.**, 26.
A Simplified Program Switching Panel. **Feb.**, 25.
Top Tape Recording Performance. **June**, 26.
Robbins, Frank & Joseph, William
Practical Aspects of the R-J Speaker Enclosure. **Jan.**, 19.

Schafer, Curtiss R.
An Automatic Disc Recorder. **Dec.**, 21.
Make Your Own Woofer. **Nov.**, 19.
Sherman, Harold T.
Binaural Radio Broadcasting. **Jan.**, 14.
Singer, George A.
Auxiliary Mixer for TV Studios. **Apr.**, 26.
Singer, Kurt & Rettinger, M.
Corrections of Frequency Response Variations Caused by Magnetic Head Wear. **July**, 29.
Multiple-Track Magnetic Heads. **Aug.**, 34.
Sodaro, Joseph F.
The Pass Band of a Transformer Coupled Amplifier. **June**, 24.
Somers, Richard M.
The Dictating Machine—A Specialized Recording System. **I, Aug.**, 22; **II, Sept.**, 24.
Storchheim, Samuel
Magnetic Transfer of Stainless Steel Wire. **Dec.**, 19.

Thomsom, John H.
The Case for Music. **Sept.**, 32.
Tinkham, R. J.
Binaural or Stereophonic? **Jan.**, 22.

Villchur, Edgar M.
Handbook of Sound Reproduction. Chap. 8, **Jan.**, 30; Chap. 9, **Feb.**, 30; Chap. 10, Pt. 1. **Mar.**, 32; Pt. 2, **Apr.**, 29; Chap. 11, Pt. 1, **May**, 34; Pt. 2, **June**, 30; Chap. 12, Pt. 1, **July**, 26; Pt. 2, **Aug.**, 26; Pt. 3, **Sept.** 36; Chap. 13, **Oct.** 42; Chap. 14, **Nov.** 25; Chap. 15, Pt. 1, **Dec.** 34.
Selection of Tone-Control Parameters. **Mar.**, 22,

Werner, G. Leonard & Berlin, Henry
Everyman's Amplifier. **Oct.**, 40.
White, Stanley
The White Powrtron Amplifier. **Nov.**, 32.
Wood John F.
A New Wide-Range Phonograph Cartridge. **Dec.**, 22.
Woodward, J. G. & Halter, J. B.
The Lateral Mechanical Impedance of Pickups. **I, June**, 19; **II, July**, 23.

Zuckerman, Alfred M. & Bogen, L. H.
Moderately Priced Amplifier Introduces Loudness Control Selector. **May**, 31.

WE WERE AT THE FAIR

. . . and what pleased us most was the number of people who were pleased with us. "You still put out the best sounding sound", they said.

The reason is quite simple. We are more interested in producing good sound than we are in putting on a good show. We have devoted all our time and effort to the task of developing a complete sound system worthy of being designated 'high fidelity'. Here are the results. We offer them with pride.

HARTLEY 215 Loudspeaker	**$65.00**
HARTLEY Boffle Enclosures	**45.00 to 250.00**
HARTLEY Tone-Control Preamplifier	**37.50**
HARTLEY 20 watt Amplifier	**135.00**

Write for free literature.
Prices slightly higher West of the Rockies

H. A. HARTLEY CO., INC.
521 East 162nd Street, Bronx 51, N. Y.
LUdlow 5-4239

Nearly everybody reads the

audio anthology

and

the 2nd audio anthology

The original **audio anthology** is still being ordered by people who have worn out their first copy or who have just learned about the book. Contains reprints of 37 articles which appeared in AUDIO ENGINEERING from May 1947 through December 1949. An invaluable reference work on audio in the home.

the 2nd audio anthology continues from where the first left off and contains reprints of articles from January 1950 through July 1952. In both books the articles were brought up to date, corrected where necessary, and assembled by subject. **the 2nd a a** may still be had with board cover.

CUT OUT — MAIL TODAY

Book Division, Dept. 3V,
Radio Magazines, Inc.,
P. O. Box 629, Mineola, N. Y.

Sirs: Enclosed is ☐ check ☐ money order for $. . . . . Please send me
. . . . . copies of **audio anthology** (paper cover) @ $2.00 each
. . . . . copies of **the 2nd audio anthology** (paper cover) @ $2.00 each
. . . . . copies of **the 2nd audio anthology** (board cover) @ $3.00 each

Name (please print) . . . . . .

Address . . . . . .

City . . . . . Zone . . . . . State . . . . . .

ADVERTISING INDEX

Akustische und Kino-Geräte	60
Allied Radio Corp.	45
Altec Lansing Corp.	44
Amplifier Corp. of America	68
Arnold Engineering Co.	7
Asco Sound Corp.	66
Audak Co.	43
Audio Devices, Inc.	Cover 2
Audio Exchange, Inc.	69
Beam Instruments Corp.	29, 53
Belden Manufacturing Co.	41
Bell Telephone Laboratories	18
Bogen, David, Co., Inc.	47
British Industries Corp.	3
British Radio Electronics, Ltd.	60
Brook Electronics, Inc.	67
Capitol Records, Inc.	69
Carter Motor Co.	58
Chicago Transformer Division	46
Cinema Engineering Co.	12
Classified Ads	72
Commissioned Electronics Co.	68
Crestwood Div., Daystrom Electric Corp.	14
D & R, Ltd.	54
Dubbings Co., Inc.	50
Daven Co.	Cover 3
Electronic Instruments, Co., Inc.	69
Electro-Voice, Inc.	33
Fairchild Recording Equipment Co.	59
General Electric Co.	64
Hartley, H. A., Co., Inc.	76
Harvey Radio Co., Inc.	49
Heath Co.	51, 59
Hollywood Electronics	69
Hughes Research and Development Laboratories	1
Hycor Sales Co.	54
Isotone Acoustic Spiralways, Inc.	62
Jensen Mfg. Co.	38, 39
Kierulff Sound Corp.	69
Kingdom Products, Ltd.	57
Langevin Mfg. Corp.	9
Leonard Radio, Inc.	52
Magnecord, Inc.	4
Minnesota Mining & Mfg. Co.	11
Marantz, S. B.	71
Pacific Transducer Corp.	56
Partridge Transformers, Ltd.	71
Peerless Electrical Products	2
Permoflux Corp.	61
Pickering and Co., Inc.	17
Precision Film Laboratories, Inc.	10
Presto Recording Corp.	31
Prestoseal Mfg. Corp.	74
Professional Directory	69
Rauland-Borg Corp.	60
Reeves Soundcraft Corp.	5
Rek-O-Kut Co.	35
Rockbar Corp.	15
Sigma Instruments, Inc.	6
Simpson, Mark, Mfg Co., Inc.	69
Sonotone Corp.	13
Stromberg-Carlson	37
TAB	55
Terminal Radio Corp.	63
Triad Transformer Corp.	65
Tung-Sol Electric, Inc.	8
United Transformer Co.	Cover 4
U. S. Recording Co.	69